

APPENDIX 121M

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON 4-WAY ENTRY PALLETS

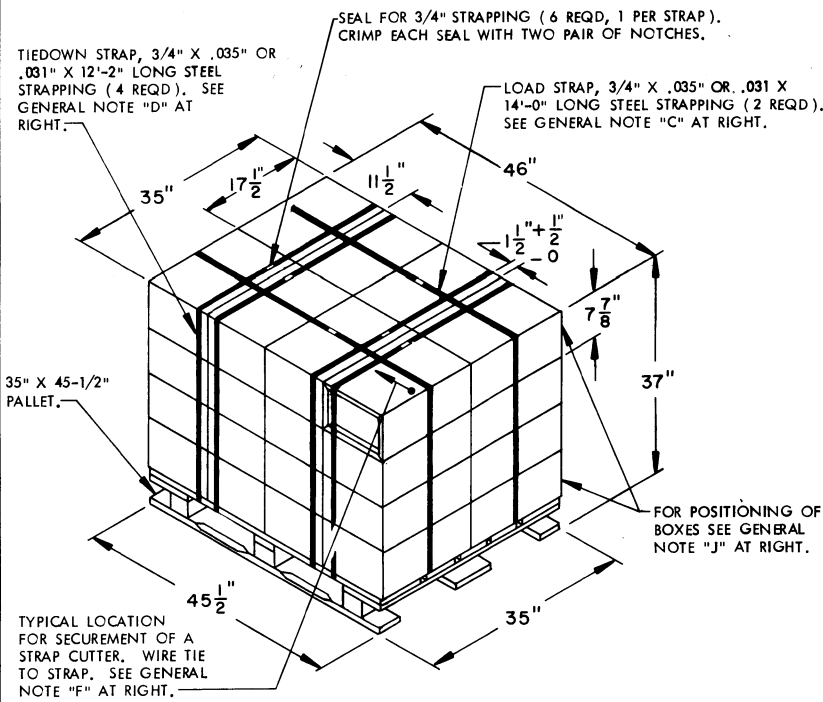
CAP, BLASTING, PACKED VARIOUS QUANTITIES IN M19
SERIES METAL CANS, 4 PER WIREBOUND BOX, UNITIZED
32 BOXES PER 35" X 45½" PALLET; APPROX BOX SIZE
17½" L X 11½" W X 7⅞" H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1375-						
00-283-9442	M130	A	VIII	1.1	B	1,031
00-297-2546	M130	A	VIII	1.1	B	967
00-283-9440	M131	A	VIII	1.1	B	999
00-297-2525	M131	A	VIII	1.1	B	1,095

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST
BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION
PROCEDURES DRAWING 19-48-4116-20PA1002.

REVISIONS				DRAFTSMAN S. R. / pt	PROJ. ENG. WRE/WRF
				CHECKED W. E. Ernst	LOG ENGRG OFFICE W. E. Ernst
				APPROVED: U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND	
				<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <i>W. E. Ernst</i> <small>DRSAR - LEP</small> </div> <div style="text-align: center;"> <i>W. E. Ernst</i> <small>DRSAR - TMD</small> </div> </div>	
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
				<i>William E. Ernst</i> <small>U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL</small>	
				U. S. ARMY DARCOM DRAWING	
				DECEMBER 1982	
				CLASS	DIVISION
				DRAWING	FILE
				19	48
				4116/ 121M	20PA 1002

DO NOT SCALE



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

32 BOXES OF BLASTING CAPS @ 32 LBS	-----1,024 LBS (APPROX)
DUNNAGE	-----6 LBS
PALLET	-----65 LBS

TOTAL WEIGHT	-----1,095 LBS (APPROX)
CUBE	-----34.5 CU FT (APPROX)

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX, TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 CARLOADING-----DRAWING 19-48-4115-5PA1002
 TRUCKLOADING -----DRAWING 19-48-4117-11PA1003
 STORAGE-----DRAWING 19-48-4118-1-2-3-4-14-22PA1002
- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING BLASTING CAPS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE TITLE PAGE, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. POSITION THE TWO OUTBOARD BOXES ON THE 35" SIDES OF THE BOTTOM LAYER OF THE UNIT WITH THE TOPS DOWNWARD, AND THE TWO OUTBOARD BOXES ON THE 35" SIDES OF THE TOP LAYER OF THE UNIT WITH THE TOPS UPWARD.

BILL OF MATERIAL

PALLET, 35" X 45-1/2"	-----1 REQD	-----65 LBS
STEEL STRAPPING, 3/4"	-----76.67' REQD	-----5.48 LBS
SEAL FOR 3/4" STRAPPING	-----6 REQD	-----NIL

